

(Use several sheets if necessary)

APPLICATION NO.
10/506,782

FILING DATE
September 7, 2004

[illegible][illegible]

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
PR	JP	09-284674	A	1997-10-31	JAPAN			ABS	
PR	JP	2001-145186	A	2001-05-25	JAPAN			ABS	
	JP	11-259011	A	1999-09-24	JAPAN		duplicate	**	
	JP	08-168037	A	1996-06-25	JAPAN		duplicate	**	
	JP	03-147498	A	1991-06-24	JAPAN		duplicate	**	
	JP	5-65196	U	1993-08-27	JAPAN		duplicate	*	
	JP	11-168783	A	1999-06-22	JAPAN		duplicate	**	
	JP	07-274273	A	1995-10-20	JAPAN		duplicate	**	
	JP	4-4493	U	1992-01-16	JAPAN		duplicate	*	
	JP	2001-042779	A	2001-03-16	JAPAN		duplicate	**	
PR	JP	59-201600	A	1984-11-15	JAPAN			**	
PR	JP	2002-152871	A	2001-05-24	JAPAN			**	
	JP	57-100392	H3	1955-12-12	JAPAN		duplicate	*	

OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

05/16/2006

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CG/lab

Substitute for form 1449A/B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	Not Yet Assigned 19/506782
				Filing Date	September 7, 2004
				First Named Inventor	Ichiro TAMURA
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	1907-0217PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
PR	BA**	JP-11-259011-A	09-24-1999			
PR	BB**	JP-8-168037-A	06-25-1996			
PR	BC**	JP-3-147498-A	06-24-1991			
PR	BD**	JP-11-168783-A	06-22-1999			
PR	BE**	JP-7-274273-A	10-20-1995			
PR	BF**	JP-2001-42779-A	02-16-2001			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ** CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
PR	CA**	Microfilm of the Specification and drawings annexed to the request of Japanese Utility Model Application No. 177573/1980 (Laid-open No. 100392/1982) (Tokyo Shibaura Electric Co., Ltd.).		
PR	CB**	CD-ROM of the Specification and drawings annexed to the request of Japanese Utility Model Application No. 5196/1992 (Laid-open No. 65196/1993) (Mitsubishi Electric Corp.)		
PR	CC**	Microfilm of the Specification and drawings annexed to the request of Japanese Utility Model Application No. 44103/1990 (Laid-open No. 4493/1992) (Kenwood Corp.)		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ** CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (**) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Powen Ru/	Date Considered	05/16/2006
-----------------------	------------	--------------------	------------



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/506,782-Conf. #006562
				Filing Date	September 7, 2004
				First Named Inventor	Ichiro TAMURA
				Art Unit	2613
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	1907-0217PUS1
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PR	AA*	US-5,737,123	04-07-1998	Donohoe	
PR	AB*	US-5,514,841	05-07-1996	Rochon	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
PR	BA	GB-2239763-A	07-10-1991			✓
PR	BB	WO-01/50745-A1	07-12-2001			✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Powen Ru/	Date Considered	05/16/2006
-----------------------	------------	--------------------	------------

Birch, Stewart, Kolasch & Birch, LLP

CG/hfj